

DPM 932

Industrial Hygiene

U.S. DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
AMERICHEM MATERIAL SAFETY DATA SHEET #1007

APR 20 1989

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910, 1200.
Standard must be consulted for specific requirements.
CAS NUMBER 1306-19-0

SECTION I

MANUFACTURER'S NAME: Various
(Americhem as Distributor)
ADDRESS: 5129 Unruh Avenue,
Philadelphia, PA 19135
CHEMICAL NAME AND SYNONYMS: Cadmium Oxide
CHEMICAL FAMILY: Cadmium

EMERGENCY TELEPHONE NUMBER:
Chemtrec — 800-424-9300
Americhem - 215-335-0990

TRADE NAME AND SYNONYMS:
Cad Oxide
FORMULA: CdO

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES AND SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS:	NA		BASE METAL:	NA	
CATALYST:	NA		ALLOYS:	NA	
VEHICLE:	NA		METALLIC COATINGS:	NA	
SOLVENTS:	NA		FILLER METAL		
			PLUS COATING OR		
			CORE FLUX:	NA	
ADDITIVES:	NA		OTHERS:	NA	
OTHERS:	NA				

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES: NA

SECTION III - PHYSICAL DATA

BOILING POINT (°C): 1558°
VAPOR PRESSURE (mm Hg.): NA
VAPOR DENSITY (AIR=1): NA
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Dark brown crystals, no odor.

SPECIFIC GRAVITY (H₂O=1): 6.95
PERCENT, VOLATILE BY VOLUME (%): NA
EVAPORATION RATE (____)=1: NA

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA
EXTINGUISHING MEDIA: CO₂ or dry chemical extinguisher.
SPECIAL FIRE FIGHTING PROCEDURES: Use approved self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Current TLV - .1 mg/cu.m.; Proposed TLV - .05 mg/cu.m
EFFECTS OF OVEREXPOSURE: Inhalation of fumes produces metal fume fever which may end in fatal pulmonary edema, throat dryness, cough, headache, vomiting, chest pain, chills.
EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove from exposure; place individual under care of a physician. Ingestion: Induce vomiting in conscious individual and call a physician.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE: STABLE: X
INCOMPATIBILITY (MATERIALS TO AVOID): NA
HAZARDOUS DECOMPOSITION PRODUCTS: When heated to melting point (900°C) toxic cadmium oxide fumes are produced.
HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X
CONDITIONS TO AVOID: NA

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wet sweep, shovel, or vacuum small, dry spills into dry container and keep tightly covered. No flares, flames, smoking, or sparks in hazard area.

WASTE DISPOSAL METHOD: Dispose of material in closed containers according to OSHA and EPA regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Approved respirator for dust or fumes.

VENTILATION: The area surrounding any plating tank should be suitably ventilated to prevent gases, mists, and particulate matter evolved from the plating tank from collecting to injurious levels.

PROTECTIVE GLOVES: Required

EYE PROTECTION: Required for fumes, dust or heat.

OTHER PROTECTIVE EQUIPMENT: Approved respirator for dust or fumes.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in cool, dry, ventilated place in closed containers.

OTHER PRECAUTIONS: ** Poison labels on all drums. **

THIS MATERIAL SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION.

AMERICHEM PROVIDES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE DATA CONTAINED HEREIN.

IMC**AMERICHEM***higher purity chemicals*

5129 Unruh Avenue, Philadelphia, Pennsylvania 19135
Telex: 244417 Telefax: 215/624-3420
215/335-0990

January 1, 1989

"Section 313 Supplier Notification"

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent by Weight
1306-19-0	Cadmium Compounds	99.9%

division of
INTERNATIONAL METALS & CHEMICALS, INC.

Sales, service and stocking facilities nationwide

BOE-C6-0209702

IMC

AMERICHEM

higher purity chemicals

5129 Unruh Avenue, Philadelphia, Pennsylvania 19135

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215/335-0990

CERTIFIED MAIL
P 500 708 791

February 27, 1989

Millhorn Chemical
P.O. Box 460
Maywood, CA 90270

Dear Sirs,

Americhem hopes this information will assist you in using the product safely and complying with applicable Federal and State Regulations.

We have attempted to furnish the information which you requested as completely and accurately as possible. We must point out, however, that we cannot assume responsibility as to the accuracy of the information furnished, or give any assurance that there may not be hazards that might result from possible use of the product for other than its intended purposes.

We will be happy to work with you in any way we can to assure that you will be able to use our product safely and effectively.

Sincerely,

B. Brock/KSA
Benjamin A. Brock
President

BAB/ksh

Encls: Cadmium Oxide Powder

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